

Element Samples of the Highest Quality



We are pleased to release this first catalogue offering high quality samples of more than 80 elements from the periodic table. These samples are intended for collection or display. Perhaps you are building your own collection and are looking to add some of the more difficult elements. Or perhaps you have already completed a display and would like to enhance it with some upgraded samples from the following list. Whatever your interest in the periodic table, we hope you will find some attractive materials here.

There are two things we take very seriously in sourcing and preparing our samples. The first – and foremost – is safety. The second is the aesthetic quality of the materials, particularly their physical form and the techniques we use to prepare and preserve them for long term display. We try to steer clear of powders and we generally avoid anonymous foils and wire except where there is a specific reason to include them. All harmful and air-sensitive materials are ampouled for protection of both the sample and you.

With regard to safety, in the case of element samples that are potentially hazardous you will need to sign an agreement that confirms you will handle the materials sensibly and take responsibility for their care. Such samples are clearly indicated in the list. You can download a copy of the agreement on our website (see below) or you can ask us to fax, email or post one to you. Samples ship with a Material Safety Data Sheet (MSDS) where required.

We will soon be adding the items in this catalogue to our secure estore. In the meantime please place your order by email, fax or telephone. Pricing is in US \$. Payment may be made by PayPal or credit card and if you bank outside the USA, your credit card company will convert to your local currency at the prevailing exchange rate. Please note there is a minimum order of \$100 to include shipping. Discounts may be available for orders of 10 or more samples: email us (sales@element-collection.com) to enquire. Items in stock usually ship immediately. When you place your order we will confirm expected delivery date.

Please note our shipping costs are per package, so ordering several elements reduces the per sample charge considerably. Various options are available. Within the UK we use Royal Mail Special Delivery (\$10 per order and normally overnight) for non-hazmat packages and a special courier (\$45 per order and normally 2-3 working days) for a shipment that includes any of the hazardous items indicated in the list below. For international orders we use Royal Mail Express Airmail (5-7 working days \$15 per order) or FedEx (1-2 days \$60 to most destinations). For international HAZMAT charges (this can be expensive), please contact us.

For further information, and the latest version of this catalogue (note that prices can change), please visit our website:

www.element-collection.com

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Regards




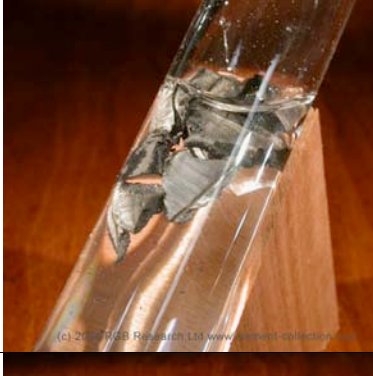

Max Whitby
Project Director













RGB Research Ltd
1 Underwood Row
London N1 7LZ
England

Tel +44 (0)20 7490 1788
Fax +44 (0)20 7251 0588






Email info@element-collection.com






001 H Hydrogen	<p>Ampoule containing 0.75ml deuterium oxide also known as heavy water</p> <p>Purity: 99.96%</p> <p>Price: \$35</p>	
2 He Helium	<p>Helium-filled gas discharge tube in the shape of the symbol He.</p> <p>Purity: 99%</p> <p>Price: \$135</p> <p>Also available: 12v, 110v or 230v transformer suitable for driving several of these tubes in series together with 2m high voltage hook up cable.</p> <p>Price \$75</p>	
2 He Helium	<p>A sealed 3ml ampoule containing helium gas.</p> <p>Purity: 99%</p> <p>Price: \$25</p>	
3 Li Lithium AGREEMENT REQUIRED	<p>Pieces of freshly cut solid metal protected from tarnishing under (actually floating on!) mineral oil ampouled under argon. Lithium is very light, so the samples are larger than the weight might indicate.</p> <p>REQUIRES INTERNATIONAL HAZMAT SHIPPING</p> <p>Purity: 99.9%</p> <p>Price: 0.5g \$45, 1g \$65, 2g \$85</p>	
4 Be Beryllium AGREEMENT REQUIRED	<p>These are lovely solid lumps of beryllium metal, probably produced by dropping molten Be into water. They are free of dust and very hard which is good from a safety point of view as any powder which might be breathed in must be strictly avoided. They feel remarkably light.</p> <p>Purity: > 98%</p> <p>Price: 1g \$25, 5g \$35, 10g \$45</p>	






5 B Boron	<p>This is an attractive crystalline form of boron, not the more usual (and potentially hazardous) fine brown amorphous powder. It is produced by the thermal decomposition of boron halides at high temperature.</p> <p>Purity: 99%</p> <p>Price: 1g \$25, 5g \$35, 10g \$45</p>	
6 C Carbon	<p>Cut pieces of graphite sheet.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$10, 5g \$15, 10g \$20</p>	
7 N Nitrogen	<p>A sealed 3ml ampoule containing nitrogen gas.</p> <p>Purity: 99%</p> <p>Price: \$25</p>	
8 O Oxygen	<p>A sealed 3ml ampoule containing oxygen gas.</p> <p>Purity: 99%</p> <p>Price: \$25</p>	
9 F Fluorine AGREEMENT REQUIRED	<p>A sealed 0.7ml ampoule filled with fluorine gas. The internal surfaces may show signs of attack. This highly reactive element is exceptionally difficult to display.</p> <p>REQUIRES INTERNATIONAL HAZMAT SHIPPING</p> <p>Purity: 99%</p> <p>Price: \$65</p>	






10 Ne Neon	<p>Neon-filled gas discharge tube in the shape of the symbol Ne.</p> <p>Purity: 99%</p> <p>Price: \$135</p> <p>Also available: 12v, 110v or 230v transformer suitable for driving several of these tubes in series together with 2m high voltage hook up cable.</p> <p>Price \$75</p>	 <p>(C) 2004 RGB Research Ltd. www.element-collection.com</p>
10 Ne Neon	<p>A sealed 3ml ampoule containing neon gas.</p> <p>Purity: 99%</p> <p>Price: \$25</p>	 <p>(c) 2004 RGB Research Ltd www.element-display.com</p>
11 Na Sodium AGREEMENT REQUIRED	<p>Freshly cut pieces of sodium metal ampouled under argon and mineral oil to protect against rapid oxidation.</p> <p>Purity: 99.9%</p> <p>REQUIRES INTERNATIONAL HAZMAT SHIPPING</p> <p>Price: 0.5g \$35</p>	 <p>(c) 2004 RGB Research Ltd www.element-collection.com</p>
12 Mg Magnesium	<p>Irregular pieces of cut magnesium.</p> <p>Purity 99%</p> <p>Price: 1g \$20, 5g \$30, 10g \$40</p>	 <p>(C) 2004 RGB Research Ltd. www.element-collection.com</p>
12 Mg Magnesium	<p>This cylinder is made from solid magnesium, one of the least dense metals and the piece weighs less than one tenth of the similar sized 1kg tungsten cylinder that makes an excellent pair for comparison.</p> <p>Purity 99%</p> <p>Price: \$35</p>	 <p>(C) 2004 RGB Research Ltd. www.element-collection.com</p>

<p>13 Al Aluminum (British spelling aluminium)</p>	<p>Droplets. Although it is easy to find objects made of aluminium, it is not so easy to find a format that make a good display sample for this common element. These irregular forms are one attractive solution.</p> <p>Purity 99%</p> <p>Price: 5g \$15, 10g \$20, 25g \$25</p>	
<p>14 Si Silicon</p>	<p>These are actual silicon chips, which form the working core of integrated circuits such as microprocessors and random access memory.</p> <p>Purity 99.999%</p> <p>Price: 1 chip \$15, 5 chips \$20, 10 chips \$25</p>	
<p>14 Si Silicon</p>	<p>These irregular lumps of amorphous silicon are the form in which silicon is typically supplied as a laboratory reagent.</p> <p>Purity 99%</p> <p>Price: 5g \$15, 10g \$20, 25g \$25</p>	
<p>15 P Phosphorus AGREEMENT REQUIRED</p>	<p>Red phosphorous ampouled under argon to prevent oxidation.</p> <p>Purity: 99.9%</p> <p>REQUIRES INTERNATIONAL HAZMAT SHIPPING</p> <p>Price: 1g \$25, 5g \$40</p>	
<p>16 S Sulfur (British spelling sulphur)</p>	<p>Plastic sulfur is an unusual form of the pure element obtained by rapidly cooling a liquid stream. It is initially flexible – as its name suggests – but becomes brittle again as it slowly reverts back to the crystalline form.</p> <p>Purity 99.9%</p> <p>Price: \$20</p>	





<p>17 Cl Chlorine</p> <p>AGREEMENT REQUIRED</p>	<p>A sealed ampoule containing 3ml of pale green chlorine gas.</p> <p>Purity: 99%</p> <p>REQUIRES INTERNATIONAL HAZMAT SHIPPING</p> <p>Price: \$45</p>	
<p>18 Ar Argon</p>	<p>Argon-filled gas discharge tube in the shape of the symbol Ar.</p> <p>Purity: 99%</p> <p>Price: \$135</p> <p>Also available: 12v, 110v or 230v transformer suitable for driving several of these tubes in series together with 2m high voltage hook up cable.</p> <p>Price \$75</p>	
<p>18 Ar Argon</p>	<p>A sealed 3ml ampoule containing argon gas.</p> <p>Purity: 99%</p> <p>Price: \$25</p>	
<p>19 K Potassium</p> <p>AGREEMENT REQUIRED</p>	<p>Freshly cut pieces of potassium metal ampouled under argon and mineral oil to protect against rapid oxidation.</p> <p>Purity: 99.9%</p> <p>REQUIRES INTERNATIONAL HAZMAT SHIPPING</p> <p>Price: 0.5g \$35</p>	
<p>20 Ca Calcium</p> <p>AGREEMENT REQUIRED</p>	<p>These shiny bright calcium metal turnings are ampouled under an argon atmosphere and should retain their freshly cut appearance indefinitely.</p> <p>Purity: 99.9%</p> <p>REQUIRES INTERNATIONAL HAZMAT SHIPPING</p> <p>Price: 1g \$25, 2.5g \$40, 5g \$60</p>	





<p>21 Sc Scandium</p>	<p>Scandium is a beautiful warm silver when freshly cut, but it gradually tarnishes in air, becoming a dull yellow. This sample is ampouled in clear glass under argon and should retain its freshly cut appearance indefinitely.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$55, 5g \$125, 10g \$195</p>	
<p>22 Ti Titanium</p>	<p>These unusual electrolytic crystals of pure titanium are hard to source and are really beautiful.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$20, 5g \$35, 10g \$50</p>	
<p>23 V Vanadium</p>	<p>These unusual crystalline pieces of pure vanadium have a snowflake-like structure. They darken when exposed to air, but we have ampouled them under argon to preserve their shiny silver appearance.</p> <p>Purity: 99.9%</p> <p>Price: 2.5g \$20, 5g \$30, 10g \$40</p>	
<p>24 Cr Chromium</p>	<p>This material is pure chromium in the form of electrowinning broken plate. It is easy to find objects plated with chromium, but less easy to find solid pieces of the pure element in as pleasing a format.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$20, 5g \$35, 10g \$50</p>	
<p>25 Mn Manganese</p>	<p>Manganese is another transition metal that quickly tarnishes in air. These pieces of broken plate have been cleaned of oxide and then ampouled under argon to preserve their shiny appearance.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$20, 5g \$35, 10g \$50</p>	






26 Fe Iron	<p>Iron is the fourth commonest element and yet it is not easy to find a pleasing sample of the metal for a periodic table display. These irregular pieces of broken pure iron plate are one attractive option. They are supplied ampouled under argon to protect against rust.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$15, 5g \$20, 10g \$25</p>	
27 Co Cobalt	<p>Cobalt is another transition metal that can be difficult to source in an attractive format. These chunky electrodeposited pieces are the nicest we have yet found.</p> <p>Purity: 99.9%</p> <p>Price: 2.5g \$20, 5g \$30, 10g \$40</p>	
28 Ni Nickel	<p>This electrowinning nickel plate has a fabulous surface texture, reminiscent of hessian.</p> <p>Purity: 99.9%</p> <p>Weight: 40g approx</p> <p>Price: piece 1" x 1" x 0.3" \$35</p>	
29 Cu Copper	<p>Solid copper cylinder.</p> <p>Purity: 99.9%</p> <p>Weight: 500g</p> <p>Price: piece 1.5" x 3" \$30</p>	
30 Zn Zinc	<p>Pieces of mossy zinc.</p> <p>Purity: 99.9%</p> <p>Price: 5g \$15, 10g \$20, 25g \$25</p>	






<p>31 Ga Gallium</p>	<p>Gallium is one of four metallic elements that can be liquid at room temperature. An ingot will melt in your hand if held for a few minutes.</p> <p>Purity: 99.99%</p> <p>LARGER SAMPLES REQUIRE INTERNATIONAL HAZMAT SHIPPING</p> <p>Price: 1g \$25, 5g \$35, 10g \$45</p>	
<p>32 Ge Germanium</p>	<p>High purity germanium ingot originating from China and used mainly in the semiconductor industry.</p> <p>Purity: 99.999%</p> <p>Price: 1g \$25, 5g \$40, 10g \$60</p>	
<p>33 As Arsenic</p> <p>AGREEMENT REQUIRED</p>	<p>Polycrystalline arsenic ampouled under argon to protect it from tarnishing and you from this toxic element.</p> <p>Purity: 99.999%</p> <p>REQUIRES INTERNATIONAL HAZMAT SHIPPING</p> <p>Price: 0.5g \$35</p>	
<p>34 Se Selenium</p>	<p>Amorphous grey selenium.</p> <p>Purity: 99.9%</p> <p>Price: 2.5g \$20, 5g \$30, 10g \$40</p>	
<p>35 Br Bromine</p> <p>AGREEMENT REQUIRED</p>	<p>Liquid bromine ampouled to prevent its toxic vapour from release.</p> <p>Purity: 99.9%</p> <p>INTERNATIONAL SHIPPING IS RESTRICTED. AVAILABILITY LIMITED TO EUROPE, USA AND AUSTRALIA. HAZMAT CHARGES APPLY.</p> <p>Price: 0.25ml \$45</p>	






<p>36 Kr Krypton</p>	<p>Krypton-filled gas discharge tube in the shape of the symbol Kr.</p> <p>Purity: 99%</p> <p>Price: \$135</p> <p>Also available: 12v, 110v or 230v transformer suitable for driving several of these tubes in series together with 2m high voltage hook up cable.</p> <p>Price \$75</p>	
<p>36 Kr Krypton</p>	<p>A sealed 3ml ampoule containing krypton gas.</p> <p>Purity: 99%</p> <p>Price: \$25</p>	
<p>37 Rb Rubidium</p> <p>AGREEMENT REQUIRED</p>	<p>Highly reactive silver metal which needs to be ampouled under argon or in a vacuum to protect against instant oxidation. Melts at 39 degrees centigrade.</p> <p>Purity: 99.5%</p> <p>REQUIRES HAZMAT SHIPPING</p> <p>Price: 0.1g \$45, 1g \$70, 5g \$215</p>	
<p>38 Sr Strontium</p> <p>AGREEMENT REQUIRED</p>	<p>Strontium metal is shiny silver when freshly cut, but it rapidly tarnishes in the air and after a few minutes is covered in a white oxide powder. This sample has been ampouled under argon to preserve its metallic appearance.</p> <p>Purity: 99.9%</p> <p>REQUIRES INTERNATIONAL HAZMAT SHIPPING</p> <p>Price: 1g \$25, 5g \$40, 10g \$60</p>	
<p>39 Y Yttrium</p>	<p>Yttrium has similar properties to the lanthanides although it does not tarnish in the air as easily as most of this group.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$25, 5g \$40, 10g \$60</p>	






40 Zr Zirconium	<p>These beautiful knobs of high purity zirconium look as though they might be made of metal butter! They originate from Russia and were made during the Soviet era using a gigantic version of the process in which a white-hot wire is used to decompose zirconium iodide vapor. Hence this material is sometimes referred to as iodic zirconium.</p> <p>Purity: 99.99% (excluding Hf)</p> <p>Price: piece at least 25g \$55</p>	
41 Nb Niobium (Alternative name columbium)	<p>Niobium cylinders.</p> <p>Purity: 99.9%</p> <p>Weight: 15g approx</p> <p>Price: cylinder 0.5" x 0.5" \$35</p>	
42 Mo Molybdenum	<p>Molybdenum cylinders.</p> <p>Purity: 99.99%</p> <p>Weight: 20g approx</p> <p>Price: cylinder 0.5" x 0.5" \$35</p>	
44 Ru Ruthenium	<p>Solid melted shot</p> <p>Purity: 99.95%</p> <p>Price: 1g \$30, 5g \$85, 10g \$135</p>	
44 Ru Ruthenium	<p>An engraved vial filled with solid melted ruthenium pieces (matching full vials of rhodium, rhenium, osmium and iridium are also available).</p> <p>Purity: 99.95%</p> <p>Price: 60g \$795</p>	IMAGE TO FOLLOW






45 Rh Rhodium	<p>Solid melted shot</p> <p>Purity: 99.95%</p> <p>Price: 1g \$70, 5g \$275, 10g \$490</p>	
45 Rh Rhodium	<p>An engraved vial filled with solid melted rhodium pieces (matching full vials of ruthenium, rhenium, osmium and iridium are also available)</p> <p>Purity: 99.95%</p> <p>Price: 60g \$2,195</p>	IMAGE TO FOLLOW
46 Pd Palladium	<p>Solid pieces.</p> <p>Purity: 99.99%</p> <p>Price: 1g \$30, 5g \$95, 10g \$165</p>	
46 Pd Palladium	<p>Thin foil protected in bottle. This is a very cost effective display sample, offering a large and attractive surface area of the pure metal for the weight.</p> <p>Purity: 99%</p> <p>Price: 3" x 3" <0.1g \$30</p>	
47 Ag Silver	<p>Solid splatter pieces</p> <p>Purity: 99.9%</p> <p>Price: 5g \$20, 10g \$35, 25g \$65</p>	

<p>48 Cd Cadmium</p> <p>AGREEMENT REQUIRED</p>	<p>Freshly cut cadmium turnings ampouled under argon to control tarnishing and to prevent exposure to this toxic element.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$25, 2.5g \$35, 5g \$45</p>	
<p>49 In Indium</p>	<p>Solid ingot (which may easily be further divided with a knife if desired).</p> <p>Purity: 99.99%</p> <p>Price: 1g \$20, 5g \$30, 10g \$40</p>	
<p>50 Sn Tin</p>	<p>Thin splatter pieces.</p> <p>Purity: 99.9%</p> <p>Price: 5g \$15, 10g \$20, 25g \$30</p>	
<p>51 Sb Antimony</p>	<p>Pieces showing crystal structure broken from solid ingot.</p> <p>Purity: 99.9%</p> <p>Price: 2.5g \$20, 10g \$30, 25g \$40</p>	
<p>52 Te Tellurium</p> <p>AGREEMENT REQUIRED</p>	<p>Broken crystal pieces.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$20, 5g \$30, 10g \$40</p>	






<p>53 I Iodine</p> <p>AGREEMENT REQUIRED</p>	<p>Solid spheres ampouled to control sublimation.</p> <p>Purity: 99.9%</p> <p>REQUIRES INTERNATIONAL HAZMAT SHIPPING</p> <p>Price: 1g \$25, 5g \$35, 10g \$45</p>	
<p>54 Xe Xenon</p>	<p>Xenon-filled gas discharge tube in the shape of the symbol Xe.</p> <p>Purity: 99%</p> <p>Price: \$155</p> <p>Also available: 12v, 110v or 230v transformer suitable for driving several of these tubes in series together with 2m high voltage hook up cable.</p> <p>Price \$75</p>	
<p>54 Xe Xenon</p>	<p>A sealed 3ml ampoule containing xenon gas.</p> <p>Purity: 99%</p> <p>Price: \$35</p>	
<p>55 Cs Caesium</p> <p>AGREEMENT REQUIRED</p>	<p>Beautiful but very reactive pale golden metal which needs to be ampouled under argon or in a vacuum to protect against instant oxidation. Melts on a warm day or if the ampoule is (very carefully!) held in the hand.</p> <p>Purity: 99.5%</p> <p>REQUIRES HAZMAT SHIPPING</p> <p>Price: 0.1g \$45, 1g \$70, 5g \$215</p>	
<p>56 Ba Barium</p> <p>AGREEMENT REQUIRED</p>	<p>Pieces of freshly cut solid metal ampouled under mineral oil and argon to minimise tarnishing.</p> <p>Purity: 99.9%</p> <p>REQUIRES INTERNATIONAL HAZMAT SHIPPING</p> <p>Price: 1g \$45, 5g \$65, 10g \$85</p>	




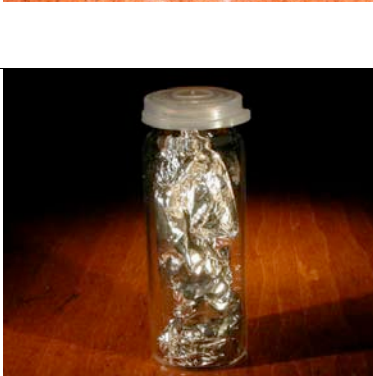

57 La Lanthanum	<p>Freshly cut solid pieces ampouled under argon to protect them from tarnishing.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$25, 5g \$40, 10g \$60</p>	
58 Ce Cerium	<p>Freshly cut solid pieces ampouled under argon to protect them from tarnishing.</p> <p>Purity: 99%</p> <p>Price: 1g \$25, 5g \$40, 10g \$60</p>	
59 Pr Praesodymium	<p>Freshly cut solid pieces ampouled under argon to protect them from tarnishing.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$25, 5g \$40, 10g \$60</p>	
60 Nd Neodymium	<p>Freshly cut solid pieces ampouled under argon to protect them from tarnishing.</p> <p>Purity: 99.5%</p> <p>Price: 1g \$25, 5g \$40, 10g \$60</p>	
61 Pm Promethium AGREEMENT REQUIRED	<p>For a period after radium fell out of favour, the isotope Pm-147 was used as the active ingredient in luminous paint. This watch hand is safely embedded in clear resin and the paint on it contains a trace of promethium chloride.</p> <p>The low level of radioactivity in this sample is below exemption thresholds for international post.</p> <p>Price: \$45</p>	



62 Sm Samarium	<p>Freshly cut solid pieces ampouled under argon to protect them from tarnishing.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$25, 5g \$40, 10g \$60</p>	 <small>(C) 2004 RGB Research Ltd www.element-collection.com</small>
63 Eu Europium	<p>Europium is the most reactive of the lanthanides. These freshly cut solid pieces are ampouled under argon to protect them from almost immediate tarnishing. The iridescent sheen on the surface is characteristic of the metal even when newly distilled.</p> <p>Purity: 99.99%</p> <p>Price: 1g \$35, 2.5g \$50, 5g \$90</p>	 <small>(C) 2004 RGB Research Ltd www.element-collection.com</small>
64 Gd Gadolinium	<p>Solid irregular pieces.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$20, 5g \$30, 10g \$40</p>	 <small>(C) 2004 RGB Research Ltd www.element-collection.com</small>
65 Tb Terbium	<p>Solid irregular pieces.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$30, 5g \$50, 10g \$75</p>	 <small>Copyright © 2007 RGB Ltd www.element-collection.com</small>
66 Dy Dysprosium	<p>Solid irregular pieces.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$20, 5g \$30, 10g \$40</p>	 <small>Copyright © 2007 RGB Ltd www.element-collection.com</small>




67 Ho Holmium	Solid irregular pieces. Purity: 99.9% Price: 1g \$30, 5g \$50, 10g \$75	
68 Er Erbium	Solid irregular pieces. Purity: 99.9% Price: 1g \$25, 5g \$40, 10g \$60	
69 Tm Thulium	Solid irregular pieces. Purity: 99% Price: 1g \$30, 2.5g \$45, 5g \$80	
70 Yb Ytterbium	Solid irregular pieces. Purity: 99.9% Price: 1g \$25, 5g \$35, 10g \$50	
71 Lu Lutetium	Solid irregular pieces. Purity: 99% Price: 1g \$30, 2.5g \$45, 5g \$80	

72 Hf Hafnium	<p>Turnings cut from crystal bar.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$25, 2.5g \$45, 5g \$65</p>	
72 Hf Hafnium	<p>Pressed metal pellets</p> <p>Purity: 99.9%</p> <p>Price: 1g \$25 each</p>	
72 Hf Hafnium	<p>Solid slice from crystal bar.</p> <p>Purity: 99.9%</p> <p>Price: > 30g piece \$95</p>	
73 Ta Tantalum	<p>Tantalum cylinders.</p> <p>Purity: 99.95%</p> <p>Weight: > 25g</p> <p>Price: cylinder 0.5" x 0.5" \$75</p>	
73 Ta Tantalum	<p>Tantalum solid melted shot.</p> <p>Purity: 99.95%</p> <p>Price: 5g piece \$25</p>	

74 W Tungsten	<p>Absolutely beautiful solid tungsten cylinders at theoretical density ($>19\text{g cm}^3$). This 1kg piece is 2 inches long and has a radius of just 0.7 inch and seems unbelievably heavy for its small size. Guaranteed to bring a smile to the face of anyone who lifts it.</p> <p>Purity: 99.9%</p> <p>Price: 1000g \$275</p>	
74 W Tungsten	<p>These smaller 0.5 inch x 0.5 inch solid tungsten cylinders are also at theoretical density ($>19\text{g cm}^3$) and nicely demonstrate the heft of this heavy element at a considerably lower cost.</p> <p>Purity: 99.9%</p> <p>Price: 35g \$35</p>	
75 Re Rhenium	<p>Solid melted shot ampouled under argon to control tarnishing.</p> <p>Purity: 99.995%</p> <p>Price: 1g \$35, 2.5g \$55, 5g \$75</p>	
75 Re Rhenium	<p>Although rhenium is not a member of the platinum group metals, it is dense, rare and expensive. This completely filled engraved vial makes a beautiful companion to the matching samples of ruthenium, rhodium, osmium and iridium.</p> <p>Purity: 99.9%</p> <p>Price: 90g \$775</p>	
76 Os Osmium	<p>Osmium and iridium are the densest elements at over 22g/cm^3. These beautiful pieces of solid melted shot demonstrate not only osmium's remarkable weight, but also its distinctive blue cast. Unlike the fine powder, solid pieces of Os metal do not oxidize at room temperature.</p> <p>Purity: 99.95%</p> <p>Price: 1g \$45, 2.5g \$95 5g \$165</p>	

76 Os Osmium	<p>If you are looking for the ultimate element sample for your collection, consider this 100g engraved vial of solid osmium shot (matching full vials of ruthenium, rhodium, iridium and rhenium are also available).</p> <p>Purity: 99.95%</p> <p>Price 100g \$2,495</p>	 <p>(c) 2004 RGB Research Ltd. www.element-collection.com</p>
77 Ir Iridium	<p>Iridium is currently less costly than osmium, but almost equally dense.</p> <p>Purity: 99.95%</p> <p>Price: 1g \$35, 5g \$145, 10g \$245</p>	 <p>(c) 2004 RGB Research Ltd. www.element-collection.com</p>
77 Ir Iridium	<p>This engraved vial with 100g of solid iridium pieces is the perfect companion to the 100g vial of osmium. Together they are the two densest elements in the periodic table at 22.4 g/cm³. Matching full vials of ruthenium, rhodium and rhenium are also available.</p> <p>Purity: 99.95%</p> <p>Price: \$1,395</p>	 <p>(c) 2004 RGB Research Ltd. www.element-collection.com</p>
78 Pt Platinum	<p>Platinum is one of the most expensive elements (currently over \$25/g even purchased in volume). So this thin ultra-thin foil is an exceptionally cost effective form, ideally suited for display.</p> <p>Purity: 99%</p> <p>Price: 3" x 3" <0.1g \$40</p>	 <p>(c) 2004 RGB Research Ltd. www.element-collection.com</p>
78 Pt Platinum	<p>If you prefer tangible platinum rather than delicate foil, these irregular pieces of thin sheet still present a reasonable surface area while weighing considerably more.</p> <p>Purity: 99.9%</p> <p>Price: 1g \$55, 2.5g \$105, 5g \$195</p>	 <p>(c) 2004 RGB Research Ltd. www.element-collection.com</p>

79 Au Gold	<p>As with platinum, this ultra-thin foil is an exceptionally cost effective form for displaying gold, ideally suited for display.</p> <p>Purity: 99%</p> <p>Price: 3" x 3" <0.1g \$35</p>	
79 Au Gold	<p>If you prefer solid pieces of gold rather than delicate foil, these irregular splatter pieces are highly attractive</p> <p>Purity: 99.9%</p> <p>Price: 1g \$45, 2.5g \$95, 5g \$155</p>	
80 Hg Mercury AGREEMENT REQUIRED	<p>Liquid metal ampouled to prevent exposure to its toxic vapour.</p> <p>Purity: 99.99%</p> <p>LARGER SAMPLES REQUIRE INTERNATIONAL HAZMAT SHIPPING</p> <p>Price: 0.3g \$25, 10g \$35, 25g \$45</p>	
81 Tl Thallium AGREEMENT REQUIRED	<p>Thallium metal ampouled under argon and water to protect it against tarnishing and you from exposure to this highly toxic element.</p> <p>Purity: 99.999%</p> <p>REQUIRES INTERNATIONAL HAZMAT SHIPPING</p> <p>Price: 0.5g \$35</p>	
82 Pb Lead	<p>Cut ingot revealing lead crystals.</p> <p>Purity: 99.99%</p> <p>Price: 25g \$30</p>	PICTURE TO FOLLOW

<p>83 Bi Bismuth</p>	<p>Pieces of broken ingot showing the crystal structure of the metal.</p> <p>Purity: 99.995%</p> <p>Price: 5g \$15, 10g \$25, 25g \$35</p>	
<p>88 Ra Radium</p> <p>AGREEMENT REQUIRED</p>	<p>Antique watch hand safely embedded in clear resin.</p> <p>During the first half of the 20th century many watch hands and clock dials were painted with luminous paint containing radium chloride or bromide. This use was discontinued when the health risks became appreciated.</p> <p>The low level of radioactivity in this sample is below exemption thresholds for international post.</p> <p>Price: \$45</p>	
<p>90 Th Thorium</p> <p>AGREEMENT REQUIRED</p>	<p>Please contact us for availability and price.</p>	
<p>92 U Uranium</p> <p>AGREEMENT REQUIRED</p>	<p>Please contact us for availability and price.</p>	